HW-34a
EPA Validated Data Summary Report
Dimock Residential Sampling
Sample Date: 2/1/2012

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a	1-Butanol	10,000.00	U	ug/L	1,500.00	ug/L				
HW34a-P	1-Butanol	10,000.00	U	ug/L	1,500.00	ug/L				
HW34a	1-Propanol	10,000.00	U	ug/L						
HW34a-P	1-Propanol	10,000.00	U	ug/L						
HW34a	2-Butanol	10,000.00	U	ug/L						
HW34a-P	2-Butanol	10,000.00	U	ug/L						
HW34a	Ethanol	10,000.00	U	ug/L						
HW34a-P	Ethanol	10,000.00	U	ug/L						
HW34a	Methanol	10,000.00	U	ug/L	7,800.00	ug/L				
HW34a-P	Methanol	10,000.00	U	ug/L	7,800.00	ug/L				
HW34a	Anionic Surfactants	0.01	U	mg/L						
HW34a-P	Anionic Surfactants	0.03		mg/L						
HW34a	Heterotrophic Plate Count		R	cfu/1mL						
HW34a-P	Heterotrophic Plate Count		R	cfu/1mL						
HW34a	Total Coliform Bacteria	1.00	U	cfu/100mL	0.00	cfu/100mL	5.00 %*			
HW34a-P	Total Coliform Bacteria	1.00	U	cfu/100mL	0.00	cfu/100mL	5.00 %*			
HW34a	Ethane	55.00		ug/L						
HW34a-P	Ethane	1.60		ug/L						
HW34a	Ethene	1.10	U	ug/L						
HW34a-P	Ethene	1.10	U	ug/L						
HW34a	Methane	26,000.00		ug/L	28,000.00	ug/L				
HW34a-P	Methane	470.00		ug/L	28,000.00	ug/L				
HW34a	2-Butoxyethanol	5.00	U	ug/L						
HW34a-P	2-Butoxyethanol	5.00	U	ug/L						

Sample Number	Analyte	Result			Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a	2-Methoxyethanol	57.10	U	ug/L	78.00 ug/L				
HW34a	2-Methoxyethanol	10.00	U	ug/L	78.00 ug/L				
HW34a-P	2-Methoxyethanol	60.00	U	ug/L	78.00 ug/L				
HW34a-P	2-Methoxyethanol	10.00	U	ug/L	78.00 ug/L				
HW34a	Diethylene Glycol	50.00	U	ug/L	8,000.00 ug/L				
HW34a	Diethylene glycol	10,000.00	U	ug/L	8,000.00 ug/L				
HW34a-P	Diethylene Glycol	50.00	U	ug/L	8,000.00 ug/L				
HW34a-P	Diethylene glycol		R	ug/L	8,000.00 ug/L				
HW34a	Ethanol, 2-ethoxy-	10,000.00	U	ug/L					
HW34a-P	Ethanol, 2-ethoxy-	10,000.00	U	ug/L					
HW34a	Ethanol, 2-methoxy-	10,000.00	U	ug/L	78.00 ug/L				
HW34a-P	Ethanol, 2-methoxy-	10,000.00	U	ug/L	78.00 ug/L				
HW34a	Ethylene glycol	10,000.00	U	ug/L	31,000.00 ug/L				
HW34a	Ethylene glycol	10,000.00	U	ug/L	31,000.00 ug/L				
HW34a-P	Ethylene glycol	10,000.00	U	ug/L	31,000.00 ug/L				
HW34a-P	Ethylene glycol	10,000.00	U	ug/L	31,000.00 ug/L				
HW34a	Tetraethylene glycol	25.00	U	ug/L	8,000.00 ug/L				
HW34a-P	Tetraethylene glycol	25.00	U	ug/L	8,000.00 ug/L				
HW34a	Triethylene glycol	10,000.00	U	ug/L	8,000.00 ug/L				
HW34a	Triethylene glycol	25.00	U	ug/L	8,000.00 ug/L				
HW34a-P	Triethylene glycol		R	ug/L	8,000.00 ug/L				
HW34a-P	Triethylene glycol	25.00	U	ug/L	8,000.00 ug/L				
HW34a	Bromide	0.50	U	mg/L					
HW34a-P	Bromide	0.50	U	mg/L					
HW34a	Chloride	49.50		mg/L			250.00 mg/L		250.00 mg/L
HW34a-P	Chloride	49.40		mg/L			250.00 mg/L		250.00 mg/L
HW34a	Fluoride	0.10	U	mg/L	0.62 mg/L	4.00 mg/L	2.00 mg/L	2.00 mg/L	
HW34a-P	Fluoride	0.10	U	mg/L	0.62 mg/L	4.00 mg/L	2.00 mg/L	2.00 mg/L	
HW34a	Sulfate	1.08		mg/L			250.00 mg/L		250.00 mg/L

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a-P	Sulfate	1.01	mg/L			250.00 mg/L		250.00 mg/L
HW34a	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW34a-F	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW34a-P	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW34a-PF	Mercury	0.20 U	ug/L	4.30 ug/L	2.00 ug/L		2.00 ug/L	
HW34a	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW34a-F	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW34a-P	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW34a-PF	Aluminum	30.00 U	ug/L	16,000.00 ug/L		200.00 ug/L		200.00 ug/L
HW34a	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW34a-F	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW34a-P	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW34a-PF	Antimony	2.00 U	ug/L	6.00 ug/L	6.00 ug/L		6.00 ug/L	
HW34a	Arsenic	1.10	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW34a-F	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW34a-P	Arsenic	1.00	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW34a-PF	Arsenic	1.00 U	ug/L	4.50 ug/L	10.00 ug/L		10.00 ug/L	
HW34a	Barium	1,440.00	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW34a-F	Barium	1,440.00	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW34a-P	Barium	1,400.00	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW34a-PF	Barium	1,410.00	ug/L	2,900.00 ug/L	2,000.00 ug/L		2,000.00 ug/L	
HW34a	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW34a-F	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW34a-P	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW34a-PF	Beryllium	1.00 U	ug/L	16.00 ug/L	4.00 ug/L		4.00 ug/L	
HW34a	Boron	79.80	ug/L	3,100.00 ug/L				
HW34a-F	Boron	80.00	ug/L	3,100.00 ug/L				
HW34a-P	Boron	81.10	ug/L	3,100.00 ug/L				
HW34a-PF	Boron	80.00	ug/L	3,100.00 ug/L				

Sample Number	Analyte	Result	Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a	Cadmium	1.00 U ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW34a-F	Cadmium	1.00 U ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW34a-P	Cadmium	1.00 U ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW34a-PF	Cadmium	1.00 U ug/L	6.90 ug/L	5.00 ug/L		5.00 ug/L	
HW34a	Calcium	27,100.00 ug/L					
HW34a-F	Calcium	27,100.00 ug/L					
HW34a-P	Calcium	26,700.00 ug/L					
HW34a-PF	Calcium	26,600.00 ug/L					
HW34a	Chromium	2.00 U ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW34a-F	Chromium	2.00 U ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW34a-P	Chromium	2.00 U ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW34a-PF	Chromium	2.00 U ug/L	3.10 ug/L	100.00 ug/L		100.00 ug/L	
HW34a	Cobalt	1.00 U ug/L	4.70 ug/L				
HW34a-F	Cobalt	1.00 U ug/L	4.70 ug/L				
HW34a-P	Cobalt	1.00 U ug/L	4.70 ug/L				
HW34a-PF	Cobalt	1.00 U ug/L	4.70 ug/L				
HW34a	Copper	2.00 U ug/L	620.00 ug/L	1,300.00 ug/L**	1,000.00 ug/L	1,000.00 ug/L***	
HW34a-F	Copper	2.00 U ug/L	620.00 ug/L	1,300.00 ug/L**	1,000.00 ug/L	1,000.00 ug/L***	
HW34a-P	Copper	2.00 U ug/L	620.00 ug/L	1,300.00 ug/L**	1,000.00 ug/L	1,000.00 ug/L***	
HW34a-PF	Copper	2.00 U ug/L	620.00 ug/L	1,300.00 ug/L**	1,000.00 ug/L	1,000.00 ug/L***	
HW34a	Iron	100.00 U ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW34a-F	Iron	100.00 U ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW34a-P	Iron	100.00 U ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW34a-PF	Iron	100.00 U ug/L	11,000.00 ug/L		300.00 ug/L		300.00 ug/L
HW34a	Lead	1.00 U ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW34a-F	Lead	1.00 U ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW34a-P	Lead	1.00 U ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW34a-PF	Lead	1.00 U ug/L	15.00 ug/L	15.00 ug/L**		5.00 ug/L***	
HW34a	Lithium	200.00 U ug/L	31.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a-F	Lithium	200.00 U	ug/L	31.00 ug/L				
HW34a-P	Lithium	200.00 U	ug/L	31.00 ug/L				
HW34a-PF	Lithium	200.00 U	ug/L	31.00 ug/L				
HW34a	Magnesium	8,020.00	ug/L					
HW34a-F	Magnesium	8,020.00	ug/L					
HW34a-P	Magnesium	7,910.00	ug/L					
HW34a-PF	Magnesium	7,940.00	ug/L					
HW34a	Manganese	58.80	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW34a-F	Manganese	62.80	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW34a-P	Manganese	79.70	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW34a-PF	Manganese	78.80	ug/L	320.00 ug/L		50.00 ug/L		50.00 ug/L
HW34a	Nickel	1.00	ug/L	300.00 ug/L				
HW34a-F	Nickel	1.10	ug/L	300.00 ug/L				
HW34a-P	Nickel	1.00	ug/L	300.00 ug/L				
HW34a-PF	Nickel	1.00	ug/L	300.00 ug/L				
HW34a	Potassium	2,000.00 U	ug/L					
HW34a-F	Potassium	2,000.00 U	ug/L					
HW34a-P	Potassium	2,000.00 U	ug/L					
HW34a-PF	Potassium	2,000.00 U	ug/L					
HW34a	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW34a-F	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW34a-P	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW34a-PF	Selenium	5.00 U	ug/L	78.00 ug/L	50.00 ug/L		50.00 ug/L	
HW34a	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW34a-F	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW34a-P	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW34a-PF	Silver	1.00 U	ug/L	71.00 ug/L		100.00 ug/L		100.00 ug/L
HW34a	Sodium	**39,600.00**	ug/L	20,000.00 ug/L				
HW34a-F	Sodium	**39,700.00**	ug/L	20,000.00 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a-P	Sodium	**38,700.00**	ug/L	20,000.00 ug/L				
HW34a-PF	Sodium	**38,800.00**	ug/L	20,000.00 ug/L				
HW34a	Strontium	1,120.00	ug/L	9,300.00 ug/L				
HW34a-F	Strontium	1,120.00	ug/L	9,300.00 ug/L				
HW34a-P	Strontium	1,100.00	ug/L	9,300.00 ug/L				
HW34a-PF	Strontium	1,100.00	ug/L	9,300.00 ug/L				
HW34a	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW34a-F	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW34a-P	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW34a-PF	Thallium	1.00 U	ug/L	0.16 ug/L	2.00 ug/L		2.00 ug/L	
HW34a	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW34a-F	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW34a-P	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW34a-PF	Tin	200.00 U	ug/L	9,300.00 ug/L				
HW34a	Titanium	200.00 U	ug/L					
HW34a-F	Titanium	200.00 U	ug/L					
HW34a-P	Titanium	200.00 U	ug/L					
HW34a-PF	Titanium	200.00 U	ug/L					
HW34a	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW34a-F	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW34a-P	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW34a-PF	Uranium	1.00 U	ug/L	47.00 ug/L	30.00 ug/L		30.00 ug/L	
HW34a	Vanadium	5.00 U	ug/L	78.00 ug/L				
HW34a-F	Vanadium	5.00 U	ug/L	78.00 ug/L				
HW34a-P	Vanadium	5.00 U	ug/L	78.00 ug/L				
HW34a-PF	Vanadium	5.00 U	ug/L	78.00 ug/L				
HW34a	Zinc	2.00 U	ug/L	4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW34a-F	Zinc	2.00 U	ug/L	4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW34a-P	Zinc	2.00 U	ug/L	4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a-PF	Zinc	2.00 U ug/L		4,700.00 ug/L		5,000.00 ug/L		5,000.00 ug/L
HW34a	Oil and Grease	5.00 UJ mg/L						
HW34a-P	Oil and Grease	5.00 UJ mg/L						
HW34a	Total Dissolved Solids	199.00 mg/L				500.00 mg/L		500.00 mg/L
HW34a-P	Total Dissolved Solids	192.00 mg/L				500.00 mg/L		500.00 mg/L
HW34a	Total Suspended Solids	10.00 U mg/L						
HW34a-P	Total Suspended Solids	10.00 U mg/L						
HW34a	1-Methylnaphthalene	4.76 U ug/L		97.00 ug/L				
HW34a-P	1-Methylnaphthalene	5.00 U ug/L		97.00 ug/L				
HW34a	Acenaphthene	57.10 U ug/L		400.00 ug/L				
HW34a-P	Acenaphthene	60.00 U ug/L		400.00 ug/L				
HW34a	Acenaphthylene	4.76 U ug/L						
HW34a-P	Acenaphthylene	5.00 U ug/L						
HW34a	Acetophenone	4.76 U ug/L		1,500.00 ug/L				
HW34a-P	Acetophenone	5.00 U ug/L		1,500.00 ug/L				
HW34a	Anthracene	4.76 U ug/L		1,300.00 ug/L				
HW34a-P	Anthracene	5.00 U ug/L		1,300.00 ug/L				
HW34a	Atrazine	4.76 U ug/L		26.00 ug/L	3.00 ug/L		3.00 ug/L	
HW34a-P	Atrazine	5.00 U ug/L		26.00 ug/L	3.00 ug/L		3.00 ug/L	
HW34a	Benzo(a)anthracene	4.76 U ug/L		2.90 ug/L				
HW34a-P	Benzo(a)anthracene	5.00 U ug/L		2.90 ug/L				
HW34a	Benzo(a)pyrene	4.76 U ug/L		0.29 ug/L	0.20 ug/L		0.20 ug/L	
HW34a-P	Benzo(a)pyrene	5.00 U ug/L		0.29 ug/L	0.20 ug/L		0.20 ug/L	
HW34a	Biphenyl	4.76 U ug/L						
HW34a-P	Biphenyl	5.00 U ug/L						
HW34a	Bromophenyl-4 Phenyl Ether	57.10 U ug/L						
HW34a-P	Bromophenyl-4 Phenyl Ether	60.00 U ug/L						
HW34a	Butylbenzyl phthalate	4.76 U ug/L		1,400.00 ug/L				
HW34a-P	Butylbenzyl phthalate	5.00 U ug/L		1,400.00 ug/L				

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a	Caprolactam	4.76	U	ug/L	7,700.00	ug/L				
HW34a-P	Caprolactam	5.00	U	ug/L	7,700.00	ug/L				
HW34a	Carbazole	4.76	U	ug/L						
HW34a-P	Carbazole	5.00	U	ug/L						
HW34a	Chlorobenzenamine-4	4.76	U	ug/L	3.20	ug/L				
HW34a-P	Chlorobenzenamine-4	5.00	U	ug/L	3.20	ug/L				
HW34a	Chloronaphthalene-2	4.76	U	ug/L	550.00	ug/L				
HW34a-P	Chloronaphthalene-2	5.00	U	ug/L	550.00	ug/L				
HW34a	Chlorophenol-2	4.76	U	ug/L	71.00	ug/L				
HW34a-P	Chlorophenol-2	5.00	U	ug/L	71.00	ug/L				
HW34a	Chlorophenyl-4 phenyl ether	4.76	U	ug/L						
HW34a-P	Chlorophenyl-4 phenyl ether	5.00	U	ug/L						
HW34a	Chrysene	4.76	U	ug/L	290.00	ug/L				
HW34a-P	Chrysene	5.00	U	ug/L	290.00	ug/L				
HW34a	Cresol, parachloro meta-	4.76	U	ug/L						
HW34a-P	Cresol, parachloro meta-	5.00	U	ug/L						
HW34a	Cresol-4,6-dinitro-ortho	57.10	U	ug/L						
HW34a-P	Cresol-4,6-dinitro-ortho	60.00	U	ug/L						
HW34a	Cresol-o	4.76	U	ug/L	720.00	ug/L				
HW34a-P	Cresol-o	5.00	U	ug/L	720.00	ug/L				
HW34a	Cresol-p	4.76	U	ug/L	72.00	ug/L				
HW34a-P	Cresol-p	5.00	U	ug/L	72.00	ug/L				
HW34a	Dibenz(a,h)anthracene	4.76	U	ug/L	0.29	ug/L				
HW34a-P	Dibenz(a,h)anthracene	5.00	U	ug/L	0.29	ug/L				
HW34a	Dibenzofuran	4.76	U	ug/L						
HW34a-P	Dibenzofuran	5.00	U	ug/L						
HW34a	Dichlorobenzidine-3,3'	4.76	U	ug/L	11.00	ug/L				
HW34a-P	Dichlorobenzidine-3,3'	5.00	U	ug/L	11.00	ug/L				
HW34a	Dichlorophenol-2,4	4.76	U	ug/L	35.00	ug/L				

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs		EPA Secondary MCLs		DEP Primary MCLs		DEP Secondary MCLs	
HW34a-P	Dichlorophenol-2,4	5.00	U	ug/L	35.00	ug/L								
HW34a	Dimethylphenol, 2,4-	4.76	U	ug/L	270.00	ug/L								
HW34a-P	Dimethylphenol, 2,4-	5.00	U	ug/L	270.00	ug/L								
HW34a	Dinitrophenol-2,4	57.10	U	ug/L	30.00	ug/L								
HW34a-P	Dinitrophenol-2,4	60.00	U	ug/L	30.00	ug/L								
HW34a	Dinitrotoluene-2,4	4.76	U	ug/L										
HW34a-P	Dinitrotoluene-2,4	5.00	U	ug/L										
HW34a	Dinitrotoluene-2,6	57.10	U	ug/L										
HW34a-P	Dinitrotoluene-2,6	60.00	U	ug/L										
HW34a	Ether, bis(2-chloroethyl)	4.76	U	ug/L	1.20	ug/L								
HW34a-P	Ether, bis(2-chloroethyl)	5.00	U	ug/L	1.20	ug/L								
HW34a	Ether-bis(2-chloroisopropyl)	57.10	U	ug/L										
HW34a-P	Ether-bis(2-chloroisopropyl)	60.00	U	ug/L										
HW34a	Fluoranthene	4.76	U	ug/L	630.00	ug/L								
HW34a-P	Fluoranthene	5.00	U	ug/L	630.00	ug/L								
HW34a	Fluoranthene benzo(k)	4.76	U	ug/L	29.00	ug/L								
HW34a-P	Fluoranthene benzo(k)	5.00	U	ug/L	29.00	ug/L								
HW34a	Fluoranthene-benzo(b)	4.76	U	ug/L	5.60	ug/L								
HW34a-P	Fluoranthene-benzo(b)	5.00	U	ug/L	5.60	ug/L								
HW34a	Fluorene	57.10	U	ug/L	220.00	ug/L								
HW34a-P	Fluorene	60.00	U	ug/L	220.00	ug/L								
HW34a	Hexachlorobenzene	4.76	U	ug/L	4.20	ug/L	1.00	ug/L			1.00	ug/L		
HW34a-P	Hexachlorobenzene	5.00	U	ug/L	4.20	ug/L	1.00	ug/L			1.00	ug/L		
HW34a	Hexachlorobutadiene	4.76	U	ug/L	26.00	ug/L								
HW34a	Hexachlorobutadiene	0.50	U	ug/L	26.00	ug/L								
HW34a-P	Hexachlorobutadiene	5.00	U	ug/L	26.00	ug/L								
HW34a-P	Hexachlorobutadiene	0.50	U	ug/L	26.00	ug/L								
HW34a	Hexachlorocyclopentadiene	4.76	U	ug/L	22.00	ug/L	50.00	ug/L			50.00	ug/L		
HW34a-P	Hexachlorocyclopentadiene	5.00	U	ug/L	22.00	ug/L	50.00	ug/L			50.00	ug/L		

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a	Hexachloroethane	4.76 U	ug/L	5.10 ug/L				
HW34a-P	Hexachloroethane	5.00 U	ug/L	5.10 ug/L				
HW34a	Isophorone	4.76 U	ug/L	6,700.00 ug/L				
HW34a-P	Isophorone	5.00 U	ug/L	6,700.00 ug/L				
HW34a	Methane, bis(2-chloroethoxy)	4.76 U	ug/L	47.00 ug/L				
HW34a-P	Methane, bis(2-chloroethoxy)	5.00 U	ug/L	47.00 ug/L				
HW34a	Methylnaphthalene-2	4.76 U	ug/L	27.00 ug/L				
HW34a-P	Methylnaphthalene-2	5.00 U	ug/L	27.00 ug/L				
HW34a	Naphthalene	4.76 U	ug/L	14.00 ug/L				
HW34a	Naphthalene	0.50 U	ug/L	14.00 ug/L				
HW34a-P	Naphthalene	0.50 U	ug/L	14.00 ug/L				
HW34a-P	Naphthalene	5.00 U	ug/L	14.00 ug/L				
HW34a	Nitroaniline, ortho	4.76 U	ug/L	150.00 ug/L				
HW34a-P	Nitroaniline, ortho	5.00 U	ug/L	150.00 ug/L				
HW34a	Nitroaniline-3	4.76 U	ug/L					
HW34a-P	Nitroaniline-3	5.00 U	ug/L					
HW34a	Nitrobenzenamine-4	4.76 U	ug/L	61.00 ug/L				
HW34a-P	Nitrobenzenamine-4	5.00 U	ug/L	61.00 ug/L				
HW34a	Nitrobenzene	4.76 U	ug/L	12.00 ug/L				
HW34a-P	Nitrobenzene	5.00 U	ug/L	12.00 ug/L				
HW34a	Nitrophenol-2	4.76 U	ug/L					
HW34a-P	Nitrophenol-2	5.00 U	ug/L					
HW34a	Nitrophenol-4	9.52 U	ug/L					
HW34a-P	Nitrophenol-4	10.00 U	ug/L					
HW34a	Nitrosodimethylamine-n	4.76 U	ug/L	0.04 ug/L				
HW34a-P	Nitrosodimethylamine-n	5.00 U	ug/L	0.04 ug/L				
HW34a	Nitrosodiphenylamine-n	4.76 U	ug/L	1,000.00 ug/L				
HW34a-P	Nitrosodiphenylamine-n	5.00 U	ug/L	1,000.00 ug/L				
HW34a	Pentachlorophenol	57.10 U	ug/L	17.00 ug/L	1.00 ug/L		1.00 ug/L	

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs		EPA Secondary MCLs	DEP Primary MCLs		DEP Secondary MCLs
HW34a-P	Pentachlorophenol	60.00	U	ug/L	17.00	ug/L	1.00	ug/L		1.00	ug/L	
HW34a	Perylene-benzo(ghi)	4.76	U	ug/L								
HW34a-P	Perylene-benzo(ghi)	5.00	U	ug/L								
HW34a	Phenanthrene	57.10	U	ug/L								
HW34a-P	Phenanthrene	60.00	U	ug/L								
HW34a	Phenol	4.76	U	ug/L	4,500.00	ug/L						
HW34a-P	Phenol	5.00	U	ug/L	4,500.00	ug/L						
HW34a	Phthalate, bis(2-ethylhexyl) (DEHP)	5.00	U	ug/L	7.10	ug/L	6.00	ug/L		6.00	ug/L	
HW34a-P	Phthalate, bis(2-ethylhexyl) (DEHP)	5.00	U	ug/L	7.10	ug/L	6.00	ug/L		6.00	ug/L	
HW34a	Phthalate, Dimethyl	4.76	U	ug/L	1,400.00	ug/L						
HW34a-P	Phthalate, Dimethyl	5.00	U	ug/L	1,400.00	ug/L						
HW34a	Phthalate, di-n-butyl-	5.00	U	ug/L	670.00	ug/L						
HW34a-P	Phthalate, di-n-butyl-	5.00	U	ug/L	670.00	ug/L						
HW34a	Phthalate, di-n-octyl	4.76	U	ug/L								
HW34a-P	Phthalate, di-n-octyl	5.00	U	ug/L								
HW34a	Phthalate-diethyl	4.76	U	ug/L	11,000.00	ug/L						
HW34a-P	Phthalate-diethyl	5.00	U	ug/L	11,000.00	ug/L						
HW34a	Propylamine,n-nitroso di-n-	4.76	U	ug/L	0.93	ug/L						
HW34a-P	Propylamine,n-nitroso di-n-	5.00	U	ug/L	0.93	ug/L						
HW34a	Pyrene	57.10	U	ug/L	87.00	ug/L						
HW34a-P	Pyrene	60.00	U	ug/L	87.00	ug/L						
HW34a	Pyrene-indeno(1,2,3-cd)	4.76	U	ug/L	3.00	ug/L						
HW34a-P	Pyrene-indeno(1,2,3-cd)	5.00	U	ug/L	3.00	ug/L						
HW34a	Tetrachlorobenzene, 1,2,4,5-	4.76	U	ug/L	1.20	ug/L						
HW34a-P	Tetrachlorobenzene, 1,2,4,5-	5.00	U	ug/L	1.20	ug/L						
HW34a	Tetrachlorophenol, 2,3,4,6-	4.76	U	ug/L	170.00	ug/L						
HW34a-P	Tetrachlorophenol, 2,3,4,6-	5.00	U	ug/L	170.00	ug/L						
HW34a	Trichlorophenol-2,4,5	4.76	U	ug/L	890.00	ug/L						
HW34a-P	Trichlorophenol-2,4,5	5.00	U	ug/L	890.00	ug/L						

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs		EPA Secondary MCLs	DEP Primary MCLs		DEP Secondary MCLs	
HW34a	Trichlorophenol-2,4,6	4.76	U	ug/L	9.04	ug/L							
HW34a-P	Trichlorophenol-2,4,6	5.00	U	ug/L	9.04	ug/L							
HW34a	TPH - Diesel Range Organics	250.00	U	ug/L									
HW34a-P	TPH - Diesel Range Organics	250.00	U	ug/L									
HW34a	TPH - Gasoline Range Organics	50.00	U	ug/L									
HW34a-P	TPH - Gasoline Range Organics	50.00	U	ug/L									
HW34a	TPH - Oil Range Organics	1,000.00	U	ug/L									
HW34a-P	TPH - Oil Range Organics	1,000.00	U	ug/L									
HW34a	1,2-Dibromo-3-chloropropane (DBCP)	0.50	U	ug/L	0.03	ug/L	0.20	ug/L		0.20	ug/L		
HW34a-P	1,2-Dibromo-3-chloropropane (DBCP)	0.50	U	ug/L	0.03	ug/L	0.20	ug/L		0.20	ug/L		
HW34a	4-Methyl-2-pentanone	2.00	U	ug/L	1,000.00	ug/L							
HW34a-P	4-Methyl-2-pentanone	2.00	U	ug/L	1,000.00	ug/L							
HW34a	Acetone	2.00	U	ug/L									
HW34a-P	Acetone	2.00	U	ug/L									
HW34a	Benzene	0.50	U	ug/L			5.00	ug/L		5.00	ug/L		
HW34a-P	Benzene	0.50	U	ug/L			5.00	ug/L		5.00	ug/L		
HW34a	Bromobenzene	0.50	U	ug/L									
HW34a-P	Bromobenzene	0.50	U	ug/L									
HW34a	Bromoform	0.50	U	ug/L			80.00	ug/L		80.00	ug/L		
HW34a-P	Bromoform	0.50	U	ug/L			80.00	ug/L		80.00	ug/L		
HW34a	Butylbenzene	0.50	U	ug/L									
HW34a-P	Butylbenzene	0.50	U	ug/L									
HW34a	Butylbenzene, sec-	0.50	U	ug/L									
HW34a-P	Butylbenzene, sec-	0.50	U	ug/L									
HW34a	Butylbenzene, tert-	0.50	U	ug/L									
HW34a-P	Butylbenzene, tert-	0.50	U	ug/L									
HW34a	Carbon disulfide	1.40		ug/L									
HW34a-P	Carbon disulfide	0.50	U	ug/L									
HW34a	Carbon Tetrachloride	0.50	U	ug/L			5.00	ug/L		5.00	ug/L		

Sample Number	Analyte	Result	Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a-P	Carbon Tetrachloride	0.50 U ug/L		5.00 ug/L		5.00 ug/L	
HW34a	Chlorobenzene	0.50 U ug/L		100.00 ug/L			
HW34a-P	Chlorobenzene	0.50 U ug/L		100.00 ug/L			
HW34a	Chlorobromomethane	0.50 U ug/L					
HW34a-P	Chlorobromomethane	0.50 U ug/L					
HW34a	Chloroethane	0.50 U ug/L					
HW34a-P	Chloroethane	0.50 U ug/L					
HW34a	Chloroform	0.50 U ug/L		80.00 ug/L		80.00 ug/L	
HW34a-P	Chloroform	0.50 U ug/L		80.00 ug/L		80.00 ug/L	
HW34a	Chlorotoluene	0.50 U ug/L	180.00 ug/L				
HW34a-P	Chlorotoluene	0.50 U ug/L	180.00 ug/L				
HW34a	Chlorotoluene-p	0.50 U ug/L	190.00 ug/L				
HW34a-P	Chlorotoluene-p	0.50 U ug/L	190.00 ug/L				
HW34a	Cyclohexane	0.50 UJ ug/L					
HW34a-P	Cyclohexane	0.50 UJ ug/L					
HW34a	Dibromochloromethane	0.50 U ug/L		80.00 ug/L		80.00 ug/L	
HW34a-P	Dibromochloromethane	0.50 U ug/L		80.00 ug/L		80.00 ug/L	
HW34a	Dibromoethane-1,2	0.50 U ug/L	0.65 ug/L	0.05 ug/L		0.05 ug/L	
HW34a-P	Dibromoethane-1,2	0.50 U ug/L	0.65 ug/L	0.05 ug/L		0.05 ug/L	
HW34a	Dibromomethane	0.50 U ug/L					
HW34a-P	Dibromomethane	0.50 U ug/L					
HW34a	Dichlorobenzene-1,2	0.50 U ug/L	280.00 ug/L	600.00 ug/L		600.00 ug/L	
HW34a-P	Dichlorobenzene-1,2	0.50 U ug/L	280.00 ug/L	600.00 ug/L		600.00 ug/L	
HW34a	Dichlorobenzene-1,3	0.50 U ug/L					
HW34a-P	Dichlorobenzene-1,3	0.50 U ug/L					
HW34a	Dichlorobenzene-1,4	0.50 U ug/L	42.00 ug/L	75.00 ug/L		75.00 ug/L	
HW34a-P	Dichlorobenzene-1,4	0.50 U ug/L	42.00 ug/L	75.00 ug/L		75.00 ug/L	
HW34a	Dichlorobromomethane	0.50 U ug/L		80.00 ug/L		80.00 ug/L	
HW34a-P	Dichlorobromomethane	0.50 U ug/L		80.00 ug/L		80.00 ug/L	

Sample Number	Analyte	Result			Trigger Levels		EPA Primary MCLs		EPA Secondary MCLs	DEP Primary MCLs		DEP Secondary MCLs	
HW34a	Dichlorodifluoromethane	0.50	U	ug/L									
HW34a-P	Dichlorodifluoromethane	0.50	U	ug/L									
HW34a	Dichloroethane-1,1	0.50	U	ug/L	240.00	ug/L							
HW34a-P	Dichloroethane-1,1	0.50	U	ug/L	240.00	ug/L							
HW34a	Dichloroethane-1,2	0.50	U	ug/L	15.00	ug/L	5.00	ug/L		5.00	ug/L		
HW34a-P	Dichloroethane-1,2	0.50	U	ug/L	15.00	ug/L	5.00	ug/L		5.00	ug/L		
HW34a	Dichloroethene-1,2 trans	0.50	U	ug/L			100.00	ug/L		100.00	ug/L		
HW34a-P	Dichloroethene-1,2 trans	0.10	J	ug/L			100.00	ug/L		100.00	ug/L		
HW34a	Dichloroethylene-1,1	0.50	U	ug/L			7.00	ug/L		7.00	ug/L		
HW34a-P	Dichloroethylene-1,1	0.50	U	ug/L			7.00	ug/L		7.00	ug/L		
HW34a	Dichloroethylene-1,2 cis	0.50	U	ug/L			70.00	ug/L		70.00	ug/L		
HW34a-P	Dichloroethylene-1,2 cis	0.50	U	ug/L			70.00	ug/L		70.00	ug/L		
HW34a	Dichloropropane, 1,2-	0.50	U	ug/L	38.00	ug/L	5.00	ug/L		5.00	ug/L		
HW34a-P	Dichloropropane, 1,2-	0.50	U	ug/L	38.00	ug/L	5.00	ug/L		5.00	ug/L		
HW34a	Dichloropropane, 1,3-	0.50	U	ug/L	290.00	ug/L							
HW34a-P	Dichloropropane, 1,3-	0.50	U	ug/L	290.00	ug/L							
HW34a	Dichloropropane, 2,2-	0.50	U	ug/L									
HW34a-P	Dichloropropane, 2,2-	0.50	U	ug/L									
HW34a	Dichloropropene, 1,1-	0.50	U	ug/L									
HW34a-P	Dichloropropene, 1,1-	0.50	U	ug/L									
HW34a	Dichloropropene, 1,3 cis-	0.50	U	ug/L									
HW34a-P	Dichloropropene, 1,3 cis-	0.50	U	ug/L									
HW34a	Dichloropropene, 1,3 trans-	0.50	U	ug/L									
HW34a-P	Dichloropropene, 1,3 trans-	0.50	U	ug/L									
HW34a	Ethylbenzene	0.50	U	ug/L			700.00	ug/L		700.00	ug/L		
HW34a-P	Ethylbenzene	0.50	U	ug/L			700.00	ug/L		700.00	ug/L		
HW34a	Freon 113	0.50	UJ	ug/L									
HW34a-P	Freon 113	0.50	UJ	ug/L									
HW34a	Hexanone, 2-	2.00	U	ug/L	34.00	ug/L							

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a-P	Hexanone, 2-	2.00 U	ug/L	34.00 ug/L				
HW34a	Isopropylbenzene	0.50 U	ug/L					
HW34a-P	Isopropylbenzene	0.50 U	ug/L					
HW34a	Isopropylbenzene-4,methyl-1	0.50 U	ug/L					
HW34a-P	Isopropylbenzene-4,methyl-1	0.50 U	ug/L					
HW34a	m,p-Xylene	1.00 U	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW34a-P	m,p-Xylene	1.00 U	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW34a	Methyl acetate	0.50 UJ	ug/L					
HW34a-P	Methyl acetate	0.50 UJ	ug/L					
HW34a	Methyl bromide	0.50 U	ug/L					
HW34a-P	Methyl bromide	0.50 U	ug/L					
HW34a	Methyl chloride	0.50 U	ug/L					
HW34a-P	Methyl chloride	0.50 U	ug/L					
HW34a	Methyl cyclohexane	0.50 UJ	ug/L					
HW34a-P	Methyl cyclohexane	0.50 UJ	ug/L					
HW34a	Methyl ethyl ketone	2.00 U	ug/L	4,900.00 ug/L				
HW34a-P	Methyl ethyl ketone	2.00 U	ug/L	4,900.00 ug/L				
HW34a	Methyl tertiary butyl ether (MTBE)	0.50 UJ	ug/L					
HW34a-P	Methyl tertiary butyl ether (MTBE)	0.50 UJ	ug/L					
HW34a	Methylene chloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW34a-P	Methylene chloride	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW34a	Propylbenzene-n	0.50 U	ug/L					
HW34a-P	Propylbenzene-n	0.50 U	ug/L					
HW34a	Styrene	1.00 UJ	ug/L		100.00 ug/L		100.00 ug/L	
HW34a-P	Styrene	1.00 UJ	ug/L		100.00 ug/L		100.00 ug/L	
HW34a	Tetrachloroethane, 1,1,1,2-	0.50 U	ug/L	50.00 ug/L				
HW34a-P	Tetrachloroethane, 1,1,1,2-	0.50 U	ug/L	50.00 ug/L				
HW34a	Tetrachloroethane, 1,1,2,2-	0.50 U	ug/L	6.60 ug/L				
HW34a-P	Tetrachloroethane, 1,1,2,2-	0.50 U	ug/L	6.60 ug/L				

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a	Tetrachloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW34a-P	Tetrachloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW34a	Toluene	0.50 U	ug/L		1,000.00 ug/L		1,000.00 ug/L	
HW34a-P	Toluene	0.50 U	ug/L		1,000.00 ug/L		1,000.00 ug/L	
HW34a	Trichlorobenzene-1,2,3	0.50 U	ug/L	5.20 ug/L				
HW34a-P	Trichlorobenzene-1,2,3	0.50 U	ug/L	5.20 ug/L				
HW34a	Trichlorobenzene-1,2,4	0.50 U	ug/L	5.20 ug/L	70.00 ug/L		70.00 ug/L	
HW34a-P	Trichlorobenzene-1,2,4	0.50 U	ug/L	5.20 ug/L	70.00 ug/L		70.00 ug/L	
HW34a	Trichloroethane-1,1,1	0.50 U	ug/L	7,500.00 ug/L	200.00 ug/L		200.00 ug/L	
HW34a-P	Trichloroethane-1,1,1	0.50 U	ug/L	7,500.00 ug/L	200.00 ug/L		200.00 ug/L	
HW34a	Trichloroethane-1,1,2	0.50 U	ug/L	0.41 ug/L	5.00 ug/L		5.00 ug/L	
HW34a-P	Trichloroethane-1,1,2	0.50 U	ug/L	0.41 ug/L	5.00 ug/L		5.00 ug/L	
HW34a	Trichloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW34a-P	Trichloroethylene	0.50 U	ug/L		5.00 ug/L		5.00 ug/L	
HW34a	Trichlorofluoromethane	0.50 U	ug/L					
HW34a-P	Trichlorofluoromethane	0.50 U	ug/L					
HW34a	Trichloropropane-1,2,3	0.50 U	ug/L	0.07 ug/L				
HW34a-P	Trichloropropane-1,2,3	0.50 U	ug/L	0.07 ug/L				
HW34a	Trimethylbenzene-1,2,4	0.50 U	ug/L	15.00 ug/L				
HW34a-P	Trimethylbenzene-1,2,4	0.50 U	ug/L	15.00 ug/L				
HW34a	Trimethylbenzene-1,3,5	0.50 U	ug/L	87.00 ug/L				
HW34a-P	Trimethylbenzene-1,3,5	0.50 U	ug/L	87.00 ug/L				
HW34a	Vinyl acetate	0.50 U	ug/L					
HW34a-P	Vinyl acetate	0.50 U	ug/L					
HW34a	Vinyl chloride	0.50 U	ug/L		2.00 ug/L		2.00 ug/L	
HW34a-P	Vinyl chloride	0.50 U	ug/L		2.00 ug/L		2.00 ug/L	
HW34a	Xylene-o	1.00 UJ	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW34a-P	Xylene-o	1.00 UJ	ug/L		10,000.00 ug/L		10,000.00 ug/L	
HW34a	Nitrogen, Nitrite + Nitrate	0.05 U	mg/L		10.00 mg/L		10.00 mg/L	

Sample Number	Analyte	Result		Trigger Levels	EPA Primary MCLs	EPA Secondary MCLs	DEP Primary MCLs	DEP Secondary MCLs
HW34a-P	Nitrogen, Nitrite + Nitrate	0.05 U	mg/L		10.00 mg/L		10.00 mg/L	
HW34a	Total Nitrogen	1.00 U	mg/L					
HW34a-P	Total Nitrogen	1.00 U	mg/L					
HW34a	Total Phosphorus as P	0.05 U	mg/L					
HW34a-P	Total Phosphorus as P	0.05 U	mg/L					

* No more than 5.0% samples total coliform-positive in a month. (For water systems that collect fewer than 40 routine samples per month, no more than one sample can be total coliform-positive per month.) Every sample that has total coliform must be analyzed for either fecal coliforms or E. coli if two consecutive TC-positive samples, and one is also positive for E.coli fecal coliforms, system has an acute MCL violation.
** EPA has not established an MCL for lead or copper. Lead and copper are regulated by a Treatment Technique that requires public drinking water systems to control the corrosiveness of their water. If more than 10% of tap water samples exceed the action level, water system must take additional steps. For lead, the action level is 15 ug/L, and for copper is 1,300 ug/L.
*** The DEP Primary MCLs for lead (5 ug/L) and copper (1,000 ug/L) are applicable only to bottled, vended, retail and bulk water hauling systems, otherwise the DEP uses the federal action levels for lead (15 ug/L), and for copper (1,300 ug/L).
R - Indicates that the data has been rejected. For glycol analyses, data with detected concentrations above the Method Detection Limit (MDL) and less than the Reporting Limit (RL) were rejected due to the laboratory not using a second column and/or gas chromatography with mass spectrometry to confirm the identity of the compound listed. For Heterotropic Plate Count analysis, data were rejected if the laboratory did not run a method blank (i.e. sterility control) for each series of samples plated to determine whether the test samples could have been contaminated during analysis.
MDL - Is the minimum concentration of a substance that can be measured and reported with 99-percent confidence that the concentration of the substance is greater than zero.
RL - Is the lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions, typically set at the lowest standard in the calibration curve.
TPH - Total Petroleum Hydrocarbons

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Sample Number – Code that is used to identify the particular sample. See additional information below:

HW## – Identifies the sample location and indicates that it was collected at well head or closest point to the well head

F – Indicates that the sample was filtered following collection. The purpose of filtering the sample is to remove any particulates in order to find what metals are actually dissolved in the water sample.

Z – Identifies a duplicate sample. Duplicate samples are collected for every ten samples collected to test the reproducibility of sampling and analytical procedures.

P – Indicates that the sample was collected at the kitchen tap. In some cases this may be following any treatment that the residence may have.

A/B – Designates which residence the sample was collected for sample locations with multiple residences using the same water source (may be a well or a spring).

RO – Indicated that the sample was collected from a residence containing a reverse osmosis treatment system.

N – Designates that the sample was collected from the new well for locations with multiple wells.

Analyte – General term for a substance in the sample. The lab does testing to find specific analytes, or substance in the water sample. The report lists each analyte that the lab tested for and what amounts were found.

Result and Units – identifies the actual result for the particular analyte and the measurement used for the particular type of sample. The results may include the following units for the various water sample analyses:

µg /L – Micrograms per liter (abbreviated as µg /L) measurements of the mass of the substance per liter of water. This measurement is commonly known as parts per billion or ppb. Drinking water results are usually reported in µg /L.

mg/L – Milligrams per liter (abbreviated as mg/L) measurements of the mass of the substance per liter of water. This measurement is commonly known as parts per million or ppm.

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cfu/100 mL – Total Coliform Bacteria results are reported as colony forming units (cfu) per milliliters of water. Coliform bacteria is not a health threat in itself; it is used to indicate whether other potentially harmful bacteria may be present.

cfu/1mL – Heterotrophic Plate Count Bacteria (HPC) are reported as colony forming units (cfu) per milliliter of water. HPC has no health effects; it is an analytic method used to measure the variety of bacteria that are common in water. The lower the concentration of bacteria in drinking water, the better maintained the water system is.

Absent or Present – Fecal Coliform Bacteria are reported as either being Absent or Present. Fecal Coliform Bacteria are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Disease-causing microbes (pathogens) in these wastes can cause diarrhea, cramps, nausea, headaches, or other symptoms. These pathogens may pose a special health risk for infants, young children, and people with severely compromised immune systems.

Validation Result Qualifiers - EPA performs a quality check on the lab results. After this quality check, EPA may mark the measurement of certain analytes with a qualifier to give additional information about the measurement. This information can apply to **1)** how certain EPA is that the lab detected the analyte and **2)** how certain EPA is of the measurement of the analyte once detected. If there is no qualifier by the result, the detection and measurement of the analyte are certain.

U – Indicates that the analyte was not detected. If there is a number next to the U, this number is the amount of analyte that would have to be present to be detected by the lab given the particular method and/or instrumentation.

J – This means that the analyte was detected, but the value of the result is an estimate.

UJ - The U before the J means that the analyte was not detected in the sample, but this result may be inaccurate. Some analyte may be present.

R – Indicates that the data has been rejected. For glycol analyses, data with detected concentrations above the Method Detection Limit (MDL) and less than the Reporting Limit (RL) were rejected due to the laboratory not using a second column and/or gas chromatography with mass spectrometry to confirm the identity of the compound listed. For Heterotrophic Plate Count analysis, data were rejected if the laboratory did not run a method blank (i.e. sterility control) for each series of samples plated to determine whether the test samples could have been contaminated during analysis.

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MDL – Is the minimum concentration of a substance that can be measured and reported with 99-percent confidence that the concentration of the substance is greater than zero.

RL – Is the lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions, typically set at the lowest standard in the calibration curve.

Trigger Level – established for this project, the trigger levels are based on risk-based screening levels and/or standards for public water supplies. A yellow highlighted result represents an analytical result greater than the established trigger level. Results exceeding a trigger level are referred to an EPA toxicologist for further review.

EPA Primary MCLs – the primary maximum contaminant levels (MCLs) are legally enforceable standards established under the Safe Drinking Water Act to protect public health by limiting the levels of contaminants in public drinking water systems. The MCL is the amount of an analyte (substance) that can be present in a water sample that the government considers acceptable to drink. EPA considers the MCLs when evaluating results from residential drinking water wells.

EPA Secondary MCLs - secondary MCLs are non-enforceable standards regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. EPA recommends secondary standards to public water systems, but does not require systems to comply. However, states may choose to adopt them as enforceable standards.

DEP MCLs (Primary and Secondary) – Chapter 109, Pennsylvania Safe Drinking Water Regulations, defines MCL as the maximum permissible level of a contaminant in water which is delivered to a user of a public water system, and includes the primary and secondary MCLs established under the Federal Safe Drinking Water Act, and MCLs adopted under the act.